

## **Heidi Saarenkari**

### **Osmotherapy in brain oedema - evidence of practice**

Hyperosmolar therapy is considered to be the mainstay of treatment in brain oedema both in veterinary and human medicine. Two agents that are routinely used for this purpose are hypertonic saline and mannitol. This lecture will be discussing the mechanisms of increased intracranial pressure as well as current evidence of using hyperosmolar agents when treating increased intracranial pressure secondary to traumatic brain injury.